

## Remarks

Claim 1 has been amended to correct an obvious typographical error.

Claims 4 - 6 and 11 have been amended to remove multiple dependencies, for the purpose of calculating the filing fee.

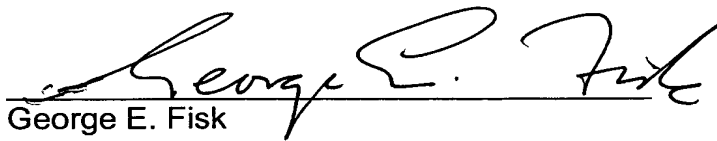
New claims 12 - 14 correspond to claim 11 but have different dependencies from claim 11 as amended.

New claims 15 and 16 are directed to apparatus for sensing leaks in a pipeline with a fiber optic distributed acoustic sensor. These claims are thought to be properly supported by the disclosure and patentable.

Claims 17 and 18 repeat the subject matter of claim 4, but with different dependencies.

Consideration of the subject matter and early allowance are requested.

Respectfully submitted,



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